

ABSTRACT

A system for treating stenosis in a target blood vessel, such as the common carotid artery, comprising a graft portion having a main portion and a branch portion extending therefrom. The branch portion extends from the intermediate portion of the main portion at an angle thereto and is in fluid communication with the main portion. A first stent is associated with the main portion and is expandable from a first configuration to a second configuration to retain the main portion in position within the target vessel. A second stent is associated with the branch portion and is expandable from a first configuration to a second configuration to retain the branch portion in position within a branching vessel. In one embodiment, the branch portion is integral with the main portion. In an alternate embodiment the branch portion is connected to the main portion.

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